

bendable members connected by a coupling member. Both these female parts can have magnetic connecting members attached.

Furthermore, it is an advantage in this context if at least one of the at least partly bendable members has the first end part provided with a female part, and the second end part provided with a male part, wherein at least one of the female part and the male part being of magnetic material.

A further advantage in this context is achieved if at least one of the at least partly bendable members has the first end part, and the second end part provided with a male part, at least one of them being of magnetic material.

Furthermore, it is an advantage in this context if at least one of the at least partly bendable members have at least one spring means arranged in connection to the male part and/or female part, inside the bendable member.

A further advantage in this context is achieved if at least one of the straight members has the first end, and the second end provided with a female part, at least one of them being of a ferromagnetic material.

Furthermore, it is an advantage in this context if at least one of the straight members has the first end part provided with a female part, and the second end part provided with a male part, wherein at least one of the female part and the male part being of a ferromagnetic material.

A further advantage in this context is achieved if at least one of the straight members has the first end part, and the second end part provided with a male part, at least one of them being of ferromagnetic material.

Furthermore, it is an advantage in this context if each of the at least partly bendable members is made of rubber.

A further advantage is that at least one of said at least partly bendable members is provided with a stiff part in combination with at least one bendable end part. One embodiment is a partly bendable member having a first stiff end part and a second bendable end part. This first stiff end part can either be arranged at the end of the partly bendable member having the rest as well as the central part thereof made bendable or be arranged from the end and also containing the central part of the member so that only the opposite end part is bendable.

A further advantage is that at least one of said at least partly bendable members is provided with a central stiff part and with a first bendable end part and with a second bendable end part. In this context "stiff" means a material having an elastic modulus E_s , where $E_s > 10$ GPa, preferably $E_s > 50$ GPa. Furthermore in this context "bendable" means a material having an elastic modulus $E_b < 5$ GPa or a plastic deformation of a solid body.

A further advantage is that the whole length of the at least partly bendable member is made of a flexible material, preferably rubber, having a stiffening device attached to the central part thereof. Thus the stiffening device is attached to the flexible member either on the inside or at the outside of the bendable member.

A further advantage is that the stiffening device is mounted inside the central part of the bendable member, preferably arranged as a metal member, for example in the form of an aluminum tube. Such an aluminum tube can be entered axially from the end of a tubular bendable member and be fixed inside by pressure forces or by gluing.

A further advantage is that the stiffening device is mounted outside the central part of the bendable member, preferably arranged as an outside mounted stiffening profile. Such a profile might be in an L-form of to which a handle cooperating with a hook is attached.

A further advantage is that the central stiff part is arranged as a stiff profile, preferably of metal, one end of which is

connected to a first end member and the other end of which is connected to a second end member where both said end members are bendable. In such an embodiment the stiff central part is connected to bendable end parts by means of some kind of connection member.

A further advantage is that the connection between each end member and the central stiff part is arranged as an axially inserted linking member, preferably fixed with glue inside said members.

A further advantage is that each of said end members is made of rubber.

A further advantage is that said central stiff part is made of aluminum.

A further advantage in this context is achieved if each of the straight members is made of aluminum.

Furthermore, it is an advantage in this context if the members have a circular cross section.

According to another alternative, it is an advantage if the members have an elliptical cross section.

It will be noted that the term "comprises/comprising" as used in this description is intended to denote the presence of a given characteristic, step, or component, without excluding the presence of one or more other characteristics, features, integers, steps, components, or groups thereof.

Embodiments of the invention will now be described with a reference to the accompanying drawings, in which:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 discloses a perspective view of the assembling of a first embodiment of a collapsible, flexible display system according to the present invention;

FIG. 2 discloses a perspective view of an upper part, and a lower part of the display system disclosed in FIG. 1;

FIG. 3 discloses a perspective view of the assembling of a second embodiment of a collapsible, flexible display system according to the present invention showing a first embodiment of an at least partly bendable member;

FIG. 4 discloses a side view of the display system disclosed in FIG. 3, when it has been assembled;

FIG. 5 discloses a perspective view in more detail of some parts of the display system disclosed in FIG. 4;

FIG. 6 is a cross section view of the parts disclosed in FIG. 5, when they have been connected;

FIG. 7 is a cross section view of the parts disclosed in FIG. 6, before they have been connected;

FIG. 8 is a cross section view of a first alternative of parts involved in assembling the display system disclosed in FIG. 1, or FIG. 4;

FIG. 9 is a cross section view of a second alternative of parts involved in assembling the display system disclosed in FIG. 1, or FIG. 4;

FIG. 10 is a cross section view of a third alternative of parts involved in assembling the display system disclosed in FIG. 1, or FIG. 4; and

FIG. 11 is a cross section view of an alternative to the parts disclosed in FIG. 6.

FIG. 12 discloses a perspective view of a second embodiment of an at least partly bendable member as a part of a flexible display system according to the present invention;

FIG. 13 discloses a perspective view of a third embodiment of an at least partly bendable member as a part of a flexible display system according to the present invention;

FIG. 14 discloses a perspective view of a fourth embodiment of an at least partly bendable member as a part of a flexible display system according to the present invention;